

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0015060180**
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 18 Circuits

Documents:

Drawing (PDF)	Product Specification PS-45750-001-001 (PDF)
3D Model (PDF)	Product Specification PS-5556-002-001 (PDF)
3D Model	Packaging Specification PK-42474-001-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	<u>42474</u>
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <u>45750</u> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit BMI
UPC	800753689039

Physical

Breakaway	No
Circuits (maximum)	18
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Resin	Nylon
Net Weight	6.061/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Electrical

Current - Maximum per Contact	13.0A
-------------------------------	-------

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Engineering Number	42474-1811
--------------------	------------



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42474 Series](#)

Mates With

[42475](#) MiniFit BMI Plug Housing. [43879](#) MiniFit CPI Header. MiniFit BMI Header [42404](#) , [42440](#). MiniFit SMC Surface Mount Compatible Header [43810](#) , [44068](#)

Use With

Mini-Fit Female Crimp Terminals [5556](#)

Mini-Fit Plus HCS Crimp Terminal [45750](#)
Mini-Fit Pre-Crimped Leads [797580001](#) , [797580009](#)

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-42474-001-001

55560002-PS-CH-000, 55560002-PS-ES-000,

55560002-PS-SK-000, PS-45750-001-001,

PS-5556-002-001

SD-42474-XXXX-001

TS-5556-002-001

This document was generated on 12/15/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)